



RECEIVED

JAN 2 8 2003

TECH CENTER 1800/2900

1276302.ST25

SEQUENCE LISTING<110> Yeda Research and Development  
Company Ltd.<120> ASSAY FOR THE DIAGNOSIS OF SCHIZOPHRENIA BASED ON A NEW  
PEPTIDE<130> 1276302<140> 09/647,457<141> 2000-09-29<150> PCT/IL99/00190<151>  
1999-09-29<150> 123925<151> 1998-04-02<160> 15 <170> PatentIn version  
3.1<210> 1<211> 17<212> PRT<213> Unknown<220><223> an isolated peptide which  
binds antibodies.

<220><221> MISC\_FEATURE<222> (1)..(17)<223> Xaa in position 1 is selected from  
the group consisting of SGETED  
TFIAD, IAD,AD,D and a direct bond; Xaa in position 9 is selected  
from the group consisting of C, G, and P; Xaa in position 15 is s  
elected from the group consisting of AP, and PA; Xaa in position  
17 is R, or a direct bond.

<400> 1

Xaa Leu Val Val Gly Leu Cys Thr Xaa Gln Ile Lys Thr Gly Xaa Cys  
1 5 10 15

Xaa

<210> 2<211> 28<212> PRT<213> Unknown<220><223> being the immunologically  
active epitope

<400> 2

Ser Gly Glu Thr Glu Asp Thr Phe Ile Ala Asp Leu Val Val Gly Leu  
1 5 10 15

Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg  
20 25

<210> 3<211> 16<212> PRT<213> Unknown<220><223> peptide capable of binding  
antibodies that are found in elevated  
levels in body fluids of schizophrenic patients.

<400> 3

Leu Val Val Gly Leu Cys Thr Cys Gln Ile Lys Thr Gly Pro Ala Cys  
1 5 10 15

<210> 4<211> 20<212> PRT<213> Unknown<220><223> peptide capable of binding  
antibodies that are found in elevated  
levels in body fluids of schizophrenic patients.

<400> 4

Ile Ala Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly  
1 5 10 15

Ala Pro Cys Arg  
20

<210> 5<211> 19<212> PRT<213> Unknown<220><223> peptide capable of binding  
antibodies that are found in elevated

1276302.ST25

levels in body fluids of schizophrenic patients

<400> 5

Ala Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala  
1 5 10 15

Pro Cys Arg

<210> 6<211> 18<212> PRT<213> Unknown<220><223> peptide capable of binding  
antibodies that are found in elevated  
levels in body fluids of schizophrenic patients

<400> 6

Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro  
1 5 10 15

Cys Arg

<210> 7<211> 17<212> PRT<213> Unknown<220><223> peptide capable of binding  
antibodies that are found in elevated  
levels in body fluids of schizophrenic patients

<400> 7

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys  
1 5 10 15

Arg

<210> 8<211> 17<212> PRT<213> Unknown<220><223> peptide capable of binding  
antibodies that are found in elevated  
levels in body fluids of schizophrenic patients

<400> 8

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Pro Ala Cys  
1 5 10 15

Arg

<210> 9<211> 17<212> PRT<213> Unknown<220><223> peptide capable of binding  
antibodies that are found in elevated  
levels in body fluids of schizophrenic patients

<400> 9

Leu Val Val Gly Leu Cys Thr Pro Gln Ile Lys Thr Gly Pro Ala Cys  
1 5 10 15

Arg

<210> 10<211> 20<212> PRT<213> Unknown<220><223> peptide capable of binding  
antibodies that are found in elevated  
levels in body fluids of schizophrenic patients

&lt;400&gt; 10

Ser Gly Glu Thr Glu Asp Thr Phe Ile Ala Asp Leu Val Val Gly Leu  
1 5 10 15

Cys Thr Gly Gln  
20

<210> 11<211> 16<212> PRT<213> Unknown<220><223> peptide capable of binding  
antibodies that are found in elevated  
levels in body fluids of schizophrenic patients

&lt;400&gt; 11

Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg  
1 5 10 15

<210> 12<211> 12<212> PRT<213> Unknown<220><223> peptide capable of binding  
antibodies that are found in elevated  
levels in body fluids of schizophrenic patients

&lt;400&gt; 12

Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg  
1 5 10

<210> 13<211> 16<212> PRT<213> Unknown<220><223> peptide capable of binding  
antibodies that are found in elevated  
levels in body fluids of schizophrenic patients

&lt;400&gt; 13

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys  
1 5 10 15

<210> 14<211> 15<212> PRT<213> Unknown<220><223> peptide capable of binding  
antibodies that are found in elevated  
levels in body fluids of schizophrenic patients

&lt;400&gt; 14

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro  
1 5 10 15

<210> 15<211> 16<212> PRT<213> Unknown<220><223> peptide capable of binding  
antibodies that are found in elevated  
levels in body fluids of schizophrenic patients

1276302.ST25

<400> 15

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Pro Ala Cys  
1 5 10 15

---